

**United States Environmental Protection Agency
Region 7
901 N. 5th Street
Kansas City, KS 66101**

Date: 10/12/2006

Subject: Transmittal of Sample Analysis Results for ASR #: 3153

Project ID: EMA78Q00

Project Description: United Zinc No. 1 site sampling

From: Dale I. Bates, Director
Regional Laboratory, Environmental Services Division

To: Eddie McGlasson
SUPR/ER&R

Enclosed are the analytical data for the above-referenced Analytical Services Request (ASR) and Project. The Regional Laboratory has reviewed and verified the results in accordance with procedures described in our Quality Manual (QM). In addition to all of the analytical results, this transmittal contains pertinent information that may have influenced the reported results and documents any deviations from the established requirements of the QM.

Please contact us within 14 days of receipt of this package if you determine there is a need for any changes. Please complete the enclosed Customer Satisfaction Survey and Data Disposition/Sample Release memo for this ASR as soon as possible. The process of disposing of the samples for this ASR will be initiated 30 days from the date of this transmittal unless an alternate release date is specified on the Data Disposition/Sample Release memo.

If you have any questions or concerns relating to this data package, contact our customer service line at 913-551-5295.

Enclosures

cc: Analytical Data File.

Project Manager: Eddie McGlasson

Org: SUPR/ER&R

Phone: 913-551-7756

Project ID: EMA78Q00

Project Desc: United Zinc No. 1 site sampling

Location: Iola

State: Kansas

Program: Superfund

Site Name: United Zinc No. 1 -

Site ID: A78Q **Site OU:** 00

Purpose: Site Characterization

GPRA PRC: 302DC6C

Explanation of Codes, Units and Qualifiers used on this report

Sample QC Codes: QC Codes identify the type of sample for quality control purpose.

Units: Specific units in which results are reported.

___ = Field Sample

% = Percent

mg/kg = Milligrams per Kilogram

Data Qualifiers: Specific codes used in conjunction with data values to provide additional information on the quality of reported results, or used to explain the absence of a specific value.

(Blank)= Values have been reviewed and found acceptable for use.

U = The analyte was not detected at or above the reporting limit.

ASR Number: 3153**Sample Information Summary****10/12/2006****Project ID: EMA78Q00****Project Desc: United Zinc No. 1 site sampling**

Sample No	QC Code	Matrix	Location Description	External Sample No	Start Date	Start Time	End Date	End Time	Receipt Date
1 -	___	Solid	EPA 373, Cell #1 (622 North Colborn)		09/06/2006	16:35			09/18/2006
2 -	___	Solid	EPA 364, Cell #2 (218 South Cottonwood)		09/07/2006	13:50			09/18/2006
3 -	___	Solid	EPA 330, Cell #2 (512 South Colborn)		09/08/2006	11:20			09/18/2006
4 -	___	Solid	EPA #392, Cell #1 (520 South Colborn)		09/11/2006	13:50			09/18/2006
5 -	___	Solid	EPA 333, Cell #1 (423 South Colborn)		09/11/2006	14:20			09/18/2006
6 -	___	Solid	EPA 274, Cell #2 (623 South Sycamore)		09/11/2006	16:50			09/18/2006
7 -	___	Solid	EPA 344, Cell #2 (216 South Colborn)		09/12/2006	09:20			09/18/2006
8 -	___	Solid	EPA 346, Cell #2 (214 South Colborn)		09/12/2006	11:15			09/18/2006
9 -	___	Solid	EPA 389, Cell #3 (321 South 2nd)		09/12/2006	13:45			09/18/2006
10 -	___	Solid	EPA 356, Cell #1 (309 South 4th)		09/12/2006	15:45			09/18/2006
11 -	___	Solid	EPA 255, Cell #1 (307 North Sycamore) (Post-exc)		09/12/2006	16:25			09/18/2006
12 -	___	Solid	EPA 354, Cell #1 (301 North Buckeye)		09/13/2006	17:05			09/18/2006
13 -	___	Solid	EPA 41, Cell #3 (405 South)		09/14/2006	08:10			09/18/2006
14 -	___	Solid	EPA 394, Cell #1 (510 South Street)		09/14/2006	10:35			09/18/2006
15 -	___	Solid	EPA 337, Cell #1 (822 South Street)		09/14/2006	11:15			09/18/2006
16 -	___	Solid	EPA 378, Cell #2 (716 South Chestnut)		09/15/2006	11:20			09/18/2006
17 -	___	Solid	EPA 341, Cell #1 (715 South Washington)		09/15/2006	12:45			09/18/2006

ASR Number:3153

RLAB Approved Analysis Comments

10/12/2006

Project ID:EMA78Q00

Project Desc United Zinc No. 1 site sampling

Analysis	Comments About Results For This Analysis
----------	--

1	Metals in Solids by ICP
---	-------------------------

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3122.3B

Samples: 1-__ 2-__ 3-__ 4-__ 5-__ 6-__ 7-__
8-__ 9-__ 10-__ 11-__ 12-__ 13-__ 14-__
15-__ 16-__ 17-__

Comments:

(N/A)

1	Percent Solid
---	---------------

Lab: Region 7 EPA Laboratory - Kansas City, Ks.

Method: EPA Region 7 RLAB Method 3142.9D

Samples: 1-__ 2-__ 3-__ 4-__ 5-__ 6-__ 7-__
8-__ 9-__ 10-__ 11-__ 12-__ 13-__ 14-__
15-__ 16-__ 17-__

Comments:

(N/A)

ASR Number: 3153

Project ID: EMA78Q00

RLAB Approved Sample Analysis Results

Project Desc: United Zinc No. 1 site sampling

10/12/2006

Analysis/ Analyte	Units	1-__	2-__	3-__	4-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5 U	5 U	5 U	5 U
Barium	mg/kg	122	204	161	103
Cadmium	mg/kg	7.81	8.75	6.57	9.96
Lead	mg/kg	412	275	204	460
Zinc	mg/kg	1190	437	476	1050
1 Percent Solid					
Solids, percent	%	88.3	91.5	92.1	91.5

ASR Number: 3153

RLAB Approved Sample Analysis Results

10/12/2006

Project ID: EMA78Q00

Project Desc: United Zinc No. 1 site sampling

Analysis/ Analyte	Units	5-__	6-__	7-__	8-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5 U	5 U	5 U	5 U
Barium	mg/kg	145	162	156	249
Cadmium	mg/kg	10.2	6.75	9.85	9.98
Lead	mg/kg	566	166	504	420
Zinc	mg/kg	1080	351	1460	1080
1 Percent Solid					
Solids, percent	%	92.3	87.7	92.7	90.8

ASR Number: 3153

Project ID: EMA78Q00

RLAB Approved Sample Analysis Results

Project Desc: United Zinc No. 1 site sampling

10/12/2006

Analysis/ Analyte	Units	9-__	10-__	11-__	12-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	5 U	5 U	7.34	5 U
Barium	mg/kg	137	141	155	134
Cadmium	mg/kg	6.34	9.07	10.5	7.05
Lead	mg/kg	296	484	738	406
Zinc	mg/kg	544	1150	1350	883
1 Percent Solid					
Solids, percent	%	91.7	91.1	89.2	92.6

ASR Number: 3153

RLAB Approved Sample Analysis Results

10/12/2006

Project ID: EMA78Q00

Project Desc: United Zinc No. 1 site sampling

Analysis/ Analyte	Units	13-__	14-__	15-__	16-__
1 Metals in Solids by ICP					
Arsenic	mg/kg	64.0	24.5	8.75	5 U
Barium	mg/kg	173	171	249	160
Cadmium	mg/kg	17.6	9.02	11.3	10.0
Lead	mg/kg	1690	523	699	1050
Zinc	mg/kg	2820	1090	1600	1950
1 Percent Solid					
Solids, percent	%	86.1	87.3	95.9	94.9

ASR Number: 3153

Project ID: EMA78Q00

RLAB Approved Sample Analysis Results

Project Desc: United Zinc No. 1 site sampling

10/12/2006

Analysis/ Analyte	Units	17-__
1 Metals in Solids by ICP		
Arsenic	mg/kg	5 U
Barium	mg/kg	159
Cadmium	mg/kg	8.83
Lead	mg/kg	515
Zinc	mg/kg	1170
1 Percent Solid		
Solids, percent	%	93.1